

SCORPIO UHF ANTENNA (UHF NORTHPOINT
LOPRO ANTENNA, NP 4000, 450-470 MHz
OR APPROVED EQUAL)

LAMAX LOCKABLE
STAINLESS STEEL CABINET
(OR APPROVED EQUAL)

VENTS WITH BAFFLE

3 POINT LATCH WITH
LOCKABLE HANDLE

2-INCH MALE ADAPTER
WITH LOCK RING

1/2-INCH E.M.T. CONDUIT
FOR 110V POWER SUPPLY

8-FOOT COPPER CLAD
GROUND ROD - WITH 10
GAUGE NON-INSULATED
GROUND WIRE CONNECTED
TO GROUND TERMINAL
BLOCK

FINISH GRADE

DEPTH PER
ELECTRICAL
CODE

2-INCH SCH. 40 P.V.C. SLEEVE
WITH 2" SWEEP FOR 24 VOLT
CONTROL WIRE. SECURE TO WALL
WITH CONDUIT STRAP TOP AND
BOTTOM.

24"

CONTROL WIRES IN MAINLINE TRENCH

NOTES:

1. POWER SOURCE FOR CONTROLLER TO BE HARD WIRED FROM CIRCUIT BREAKER MOUNTED INSIDE CABINET TO CONTROLLER.
2. LOCATION OF POWER SOURCE TO BE NOTED ON CIRCUIT BREAKER PANEL.
3. REMOTE CONTROL VALVES FOR D.C. SCORPIO APPLICATIONS MUST HAVE D.C. LATCHING SOLENOIDS AND APPROVED SOLAR PANEL FOR POWER SOURCE.
4. MIDLAND NARROW BAND RADIO #2845 G TO BE INSTALLED WITH SCORPIO CONTROLLER.
5. PROGRAMMING KEYPAD TO BE SUPPLIED WITH CONTROLLER.
6. INSTALL ONLY ONE CONTROL VALVE WIRE PER CONTROLLER OUTPUT.
7. UHF RADIO TO BE TUNED TO C.O.S. FREQUENCIES. CONTACT IRRIGATION DEPARTMENT FOR INFORMATION (480-312-2189)
8. POWER SOURCE TO BE PROVIDED BY CONTRACTOR FOLLOWING NEC REQUIREMENTS. INSTALLATION TO BE INSPECTED AND APPROVED BY COS INSPECTOR. INSTALL METAL ADDRESS LABELS TO OUTSIDE DOOR OF IRRIGATION CONTROLLER CABINETS FOR ALL CONTROLLERS RECEIVING NON-METERED POWER SUPPLY.

DETAIL NO.
2633

City of Scottsdale
Standard Details

APPROVED BY:
Scottsdale Standards &
Specifications Committee

SCORPIO WALL MOUNTED CONTROLLER

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